(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



10/532442

(43) International Publication Date 29 April 2004 (29.04.2004)

PCT

(10) International Publication Number WO 2004/036043 A1

(51) International Patent Classification7:

F04C 2/107

(21) International Application Number:

PCT/CA2003/001607

(22) International Filing Date: 21 October 2003 (21.10.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2,409,054 2,412,209 21 October 2002 (21.10.2002) CA

19 November 2002 (19.11.2002)

(71) Applicant (for all designated States except US): NOETIC ENGINEERING INC. [CA/CA]; 4628 Eleniak Road NW, Edmonton, Alberta T6B 2S1 (CA).

(71) Applicants and

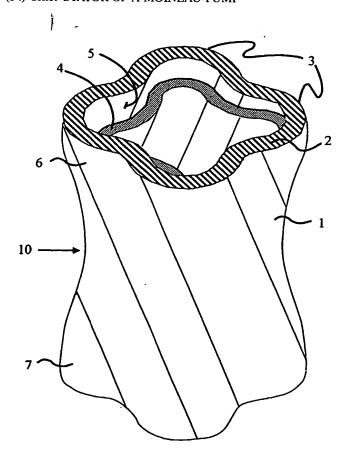
(72) Inventors: KAISER, Trent, Michael, Victor [/]; 10912 - 16 Avenue, Edmonton, Alberta T6J 5G6 (CA). SLACK, Maurice, William [/]; 1831 - 104A Street, Edmonton, Alberta T6J 5C1 (CA). DALL'ACQUA, Daniel [/]; 9745-88 Avenue, Edmonton, Alberta T6E 2R1 (CA).

(74) Agent: THOMPSON, DOUGLAS, B.; c/o Thompson Lambert LLP, 10328 - 81 Avenue, Suite #200, Edmonton, Alberta T6E 1X2 (CA).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

[Continued on next page]

(54) Title: STATOR OF A MOINEAU-PUMP



(57) Abstract: A Moineau stator includes a tube (10) having lobes (3) arranged in a configuration which is adapted to interact with a rotor and formed through a hydroforming process.

WO 2004/036043 A1